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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Davide Bellini et al.	Art Unit:	Not Yet Assigned
Serial No.:	10/507,472	Examiner:	Not Yet Assigned
Filed:	September 10, 2004	Customer No.:	21559
Title:	Ester Derivatives of Hyaluronic Acid for the Preparation of Hydrogel Materials by Photocuring		

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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed, with the exception of U.S. patents and U.S. patent application publications.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

Applicants also note that Italian Patent No. 126,895, listed on the enclosed Form PTO 1449, corresponds to WO 95/24497, which is also listed on the Form PTO 1449.

Further, European Patent Application No. 1 095 064 corresponds to WO 00/01733.

This statement is being filed before the receipt of a first Office action on the merits.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: February 16, 2005

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SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b))	Attorney Docket No.	50294/012001
	Serial No.	10/507,472
	Applicant	Davide Bellini et al.
	Filing Date	September 10, 2004
	Group	Not Yet Assigned
	IDS Filed	February 16, 2005

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	4,851,521	07/25/1989	della Valle et al.			
	5,410,016	04/25/1995	Hubbell et al.			
	6,027,741	02/22/2000	Cialdi et al.			
	6,031,017	02/29/2000	Waki et al.			
	6,258,870	07/10/2001	Hubbell et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	95/24497	09/14/1995	WIPO			
	96/24392	08/15/1996	WIPO			
	00/01733	01/13/2000	WIPO			
	0 138 572 B1	07/25/1990	EP			
	0 341 745 B1	12/14/1994	EP			
	0 554 898 B1	05/07/1997	EP			
	0 716 688 B1	09/24/2003	EP			
	0 971 961 B1	12/04/2002	EP			
	1 095 064	02/05/2001	EP			
	1268954	03/18/1997	IT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
	Balazs et al., "Matrix Engineering," Blood Coagulation and Fibrinolysis 2:173-178, 1991..					
	Bignami et al., "The Extracellular Matrix of Rat Spinal Cord: A Comparative Study on the Localization of Hyaluronic Acid, Glial Hyaluronate-Binding Protein, and Chondroitin Sulfate Proteoglycan," Experimental					

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b))	Attorney Docket No.	50294/012001
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	Neurology 117:90-93, 1992.
	Bilak et al., "Delayed Application of IGF-I and GDNF Can Rescue Already Injured Postnatal Motor Neurons," NeuroReport 12(11):2531-2535, 2001.
	Bryant et al., "The Effects of Crosslinking Density on Cartilage Formation in Photocrosslinkable Hydrogels," Biomed. Sci. Instrum. 35:309-314, 1999.
	Denizot et al., "Rapid Colorimetric Assay for Cell Growth and Survival-Modifications to the Tetrazolium Dye Procedure Giving Improved Sensitivity and Reliability," J. Immunol. Methods 89:271-277, 1986.
	Fisher et al., "Synthesis and Properties of Photocross-Linked Poly(Propylene Fumarate) Scaffolds," J. Biomater. Sci. Polymer Edn. 12(6):673-687, 2001.
	Holland et al., "Polymers for Biodegradable Medical Devices. 1. The Potential of Polyesters as Controlled Macromolecular Release Systems," J. Controlled Release 4:155-180, 1986.
	Holly et al., "Wettability of Hydrogels I. Poly(2-Hydroxyethyl Methacrylate)," J. Biomed. Mater. Res. 9:315-326, 1975.
	Lewis et al., "The Kinetics and Stereochemistry of the Decomposition of Secondary Alkyl Chlorosulfites," Am. Chem. Soc. 74:308-311, 1952.
	Malmonge et al., "Biomechanical and Histological Evaluation of Hydrogel Implants in Articular Cartilage," Braz. J. Med. Biol. Res. 33(3):307-312, 2000.
	Paige et al., "De Novo Cartilage Generation Using Calcium Alginate-Chondrocyte Constructs," Plastic and Reconstructive Surgery 97:179-180, 1996.
	Perka et al., "Joint Cartilage Repair with Transplantation of Embryonic Chondrocytes Embedded in Collagen-Fibrin Matrices," Clinical and Experimental Rheumatology 18:13-22, 2000.
	Sawhney et al., "Bioerodible Hydrogels Based on Photopolymerized Poly(ethylene glycol)-co-poly(α -hydroxy acid) Diacrylate Macromers," Macromolecules 26:581-587, 1993.
	Siggia et al., "Quantitative Organic Analysis via Functional Groups," 4 th ed., John Wiley and Sons Publications, 169-172, 1979.
	Washington, D.C., U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute of Occupational Safety and Health, "Registry of Toxic Effects of Chemical Substances," Doris V. Sweet editor, Volume 4, Edition 1985-1986:3911-3912.

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